



~~263~~
~~+~~ ~~\$~~

0001/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Application Number	09/728,373
TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>				Filing Date	November 28, 2000
				First Named Inventor	Ting K. Yee
				Group Art Unit Number	2633
				Examiner Name	David S. Kim
				Total Number of Pages in This Submission	23


ENCLOSURES <i>(check all that apply)</i>	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <div style="margin-left: 20px;"><input checked="" type="checkbox"/> Check Enclosed</div> <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <div style="margin-left: 20px;"><input type="checkbox"/> Copies of IDS Cited References</div> <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input checked="" type="checkbox"/> Amendment/Response A 16 Pages and 4 sheets of drawings <div style="margin-left: 20px;"><input type="checkbox"/> After Final</div> <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): <div style="margin-left: 40px;">[] Sheet(s) of Figure(s) []</div> <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <div style="margin-left: 20px;"><i>(Appeal Notice, Brief, Reply Brief)</i></div> <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>


REMARKS:

RECEIVED

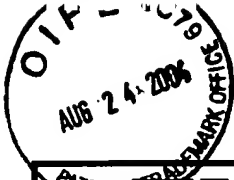
AUG 3 0 20

Technology Center

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Dorian Cartwright, Reg. No. 53,853	Dated:	August 20, 2004

CERTIFICATE OF MAILING			
<p>I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.</p> <p>If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 39 CFR 1.10.</p>			
Signature:			
Typed or Printed Name:		Dorian Cartwright	Dated: August 20, 2004
Express Mail Mailing Number (optional):			

20852/05169/DOCS/1452969.1



FEE TRANSMITTAL for FY 2004		Complete if Known	
		Application Number	09/728,373
Patent fees are subject to annual revision.		Filing Date	November 28, 2000
		First Named Inventor	Ting K. Yee
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	David S. Kim
TOTAL AMOUNT OF PAYMENT (\$)		Art Unit	2633
(\$)		Attorney Docket No.	20852-05169

RECEIVED
AUG 30 2004
Technology Center 2800

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input checked="" type="checkbox"/> None <input type="checkbox"/> Deposit Account: Deposit Account Number: 19-2555 Deposit Account Name: Fenwick & West LLP The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES																																																																																																																																	
FEE CALCULATION																																																																																																																																			
1. BASIC FILING FEE																																																																																																																																			
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee Code</th><th></th><th></th></tr></thead><tbody><tr><td>1001 770</td><td>2001 385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002 340</td><td>2002 170</td><td>Design filing fee</td><td></td></tr><tr><td>1003 530</td><td>2003 265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004 770</td><td>2004 385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005 160</td><td>2005 80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="2">SUBTOTAL (1)</td><td>(\$)</td><td>0</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			1001 770	2001 385	Utility filing fee		1002 340	2002 170	Design filing fee		1003 530	2003 265	Plant filing fee		1004 770	2004 385	Reissue filing fee		1005 160	2005 80	Provisional filing fee		SUBTOTAL (1)		(\$)	0																																																																																																		
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																
Fee Code	Fee Code																																																																																																																																		
1001 770	2001 385	Utility filing fee																																																																																																																																	
1002 340	2002 170	Design filing fee																																																																																																																																	
1003 530	2003 265	Plant filing fee																																																																																																																																	
1004 770	2004 385	Reissue filing fee																																																																																																																																	
1005 160	2005 80	Provisional filing fee																																																																																																																																	
SUBTOTAL (1)		(\$)	0																																																																																																																																
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																																																																																																																			
<table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>31</td><td>-31**=0</td><td>9</td><td>0</td></tr><tr><td>Independent Claims</td><td>2</td><td>-3**=0</td><td>43</td><td>0</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td><td></td></tr></tbody></table>		Total Claims	Extra Claims	Fee from below	Fee Paid	31	-31**=0	9	0	Independent Claims	2	-3**=0	43	0	Multiple Dependent																																																																																																																				
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																
31	-31**=0	9	0																																																																																																																																
Independent Claims	2	-3**=0	43	0																																																																																																																															
Multiple Dependent																																																																																																																																			
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee Code</th><th></th><th></th></tr></thead><tbody><tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201 86</td><td>2201 43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203 290</td><td>2203 145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204 86</td><td>2204 43</td><td>**Reissue independent claims over original patent</td><td></td></tr><tr><td>1205 18</td><td>2205 9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="2">SUBTOTAL (2)</td><td>(\$)</td><td>0</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			1202 18	2202 9	Claims in excess of 20		1201 86	2201 43	Independent claims in excess of 3		1203 290	2203 145	Multiple dependent claim, if not paid		1204 86	2204 43	**Reissue independent claims over original patent		1205 18	2205 9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)		(\$)	0																																																																																																		
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																
Fee Code	Fee Code																																																																																																																																		
1202 18	2202 9	Claims in excess of 20																																																																																																																																	
1201 86	2201 43	Independent claims in excess of 3																																																																																																																																	
1203 290	2203 145	Multiple dependent claim, if not paid																																																																																																																																	
1204 86	2204 43	**Reissue independent claims over original patent																																																																																																																																	
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent																																																																																																																																	
SUBTOTAL (2)		(\$)	0																																																																																																																																
**or number previously paid, if greater; For Reissues, see above																																																																																																																																			
		3. ADDITIONAL FEES																																																																																																																																	
		<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee Code</th><th></th><th></th></tr></thead><tbody><tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td></td></tr><tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252 420</td><td>2252 210</td><td>Extension for reply within second month</td><td>210</td></tr><tr><td>1253 950</td><td>2253 475</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254 1,480</td><td>2254 740</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255 2,010</td><td>2255 1,005</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401 330</td><td>2401 165</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402 330</td><td>2402 165</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403 290</td><td>2403 145</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451 1,510</td><td>1451 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453 1,330</td><td>2453 665</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501 1,330</td><td>2501 665</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502 480</td><td>2502 240</td><td>Design issue fee</td><td></td></tr><tr><td>1503 640</td><td>2503 320</td><td>Plant issue fee</td><td></td></tr><tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807 50</td><td>1807 50</td><td>Processing fee under 37 CFR 1.17(g)</td><td></td></tr><tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809 770</td><td>2809 385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810 770</td><td>2810 385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr><tr><td>1801 770</td><td>2801 385</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802 900</td><td>1802 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2">Other fee (specify)</td><td></td><td></td></tr><tr><td colspan="2">SUBTOTAL (3)</td><td>(\$)</td><td>210.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code	Fee Code			1051 130	2051 65	Surcharge - late filing fee or oath		1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet		1053 130	1053 130	Non-English specification		1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination		1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action		1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action		1251 110	2251 55	Extension for reply within first month		1252 420	2252 210	Extension for reply within second month	210	1253 950	2253 475	Extension for reply within third month		1254 1,480	2254 740	Extension for reply within fourth month		1255 2,010	2255 1,005	Extension for reply within fifth month		1401 330	2401 165	Notice of Appeal		1402 330	2402 165	Filing a brief in support of an appeal		1403 290	2403 145	Request for oral hearing		1451 1,510	1451 1,510	Petition to institute a public use proceeding		1452 110	2452 55	Petition to revive - unavoidable		1453 1,330	2453 665	Petition to revive - unintentional		1501 1,330	2501 665	Utility issue fee (or reissue)		1502 480	2502 240	Design issue fee		1503 640	2503 320	Plant issue fee		1460 130	1460 130	Petitions to the Commissioner		1807 50	1807 50	Processing fee under 37 CFR 1.17(g)		1806 180	1806 180	Submission of Information Disclosure Stmt		8021 40	8021 40	Recording each patent assignment per property (times number of properties)		1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))		1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))		1801 770	2801 385	Request for Continued Examination (RCE)		1802 900	1802 900	Request for expedited examination of a design application		Other fee (specify)				SUBTOTAL (3)		(\$)	210.00
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																																																																
Fee Code	Fee Code																																																																																																																																		
1051 130	2051 65	Surcharge - late filing fee or oath																																																																																																																																	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																	
1053 130	1053 130	Non-English specification																																																																																																																																	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action																																																																																																																																	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action																																																																																																																																	
1251 110	2251 55	Extension for reply within first month																																																																																																																																	
1252 420	2252 210	Extension for reply within second month	210																																																																																																																																
1253 950	2253 475	Extension for reply within third month																																																																																																																																	
1254 1,480	2254 740	Extension for reply within fourth month																																																																																																																																	
1255 2,010	2255 1,005	Extension for reply within fifth month																																																																																																																																	
1401 330	2401 165	Notice of Appeal																																																																																																																																	
1402 330	2402 165	Filing a brief in support of an appeal																																																																																																																																	
1403 290	2403 145	Request for oral hearing																																																																																																																																	
1451 1,510	1451 1,510	Petition to institute a public use proceeding																																																																																																																																	
1452 110	2452 55	Petition to revive - unavoidable																																																																																																																																	
1453 1,330	2453 665	Petition to revive - unintentional																																																																																																																																	
1501 1,330	2501 665	Utility issue fee (or reissue)																																																																																																																																	
1502 480	2502 240	Design issue fee																																																																																																																																	
1503 640	2503 320	Plant issue fee																																																																																																																																	
1460 130	1460 130	Petitions to the Commissioner																																																																																																																																	
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)																																																																																																																																	
1806 180	1806 180	Submission of Information Disclosure Stmt																																																																																																																																	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)																																																																																																																																	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																	
1801 770	2801 385	Request for Continued Examination (RCE)																																																																																																																																	
1802 900	1802 900	Request for expedited examination of a design application																																																																																																																																	
Other fee (specify)																																																																																																																																			
SUBTOTAL (3)		(\$)	210.00																																																																																																																																

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Dorian Cartwright	Registration No. (Attorney/Agent)	53,853
Signature	<i>Dorian Cartwright</i>	Telephone (650) 335-7247	
		Date	August 20, 2004



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANT: Ting K. Yee and Peter H. Chang
SERIAL NO.: 09/728,373
FILING DATE: November 28, 2000
TITLE: OPTICAL COMMUNICATIONS USING HETERODYNE DETECTION
EXAMINER: Jason Chan
GROUP ART UNIT: 2633
ATTY. DKT. NO.: 20852-05169

RECEIVED

AUG 30 2004

Technology Center 2600

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: August 20, 2004

By: *Dorian Cartwright*

Dorian Cartwright, Reg. No.: 53,853

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT A

SIR:

This amendment for the patent application identified above is in response to the Office Action dated March 22, 2004 (paper no. 11), which set a shortened statutory period for response that expired on June 22, 2004. A two-month extension fee is included herewith.

Kindly amend this application as indicated herein.

08/25/2004 LWONDIM1 00000010 09728373

01 FC:2252

210.00 OP